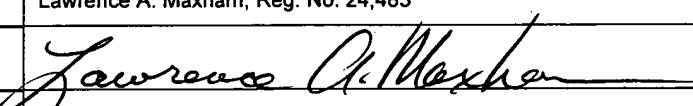


TRANSMITTAL FORM		Application Number	10/580,093
<i>(to be used for all correspondence after initial filing)</i>		Filing Date	19 May 2006
		First Named Inventor	Volker Brass
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		Attorney Docket Number	0740-80

ENCLOSURES

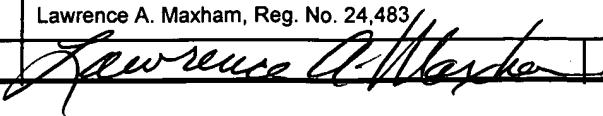
1. Priority Claim (1 page);
2. Priority Document (EP 03026786.8) (5 pages); and
3. Return Postcard.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	THE MAXHAM FIRM Lawrence A. Maxham, Reg. No. 24,483
Signature	
Date	6 July 2006

CERTIFICATE OF MAILING/TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office (USPTO) or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 the below date:

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Signature		Date	6 July 2006

**IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

In re

Applicants : Volker BRASS et al.
U.S. Application No. : 10/580,093
Filed : 19 May 2006

International Application No. : PCT/EP 2004/013159
International Filing Date : 19 November 2004 (19.11.2004)

For : ADDITIONAL INFORMATION FOR
VOICE GROUP CALL SERVICE

Priority Data : EP 03026786.8
Filed: 21 November 2003 (21.11.2003)

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PRIORITY CLAIM UNDER RULE 55

The benefit of the filing date in the European Patent Office of a patent application corresponding to the above-identified application is hereby claimed under Rule 55 and 35 U.S.C. 119 in accordance with the Paris Convention for the Protection of Industrial Property. A certified copy of the corresponding patent application bearing Serial No. EP 03026786.8, filed on 21 November 2003, is attached hereto.

Respectfully submitted,
Volker BRASS et al.

By: 
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Attorney for Applicant
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Bescheinigung

Certificate

Attestation

Die angehefteten Unterlagen stimmen mit der ursprünglich eingereichten Fassung der auf dem nächsten Blatt bezeichneten europäischen Patentanmeldung überein.

The attached documents are exact copies of the European patent application described on the following page, as originally filed.

Les documents fixés à cette attestation sont conformes à la version initialement déposée de la demande de brevet européen spécifiée à la page suivante.

Patentanmeldung Nr. Patent application No. Demande de brevet n°

03026786.8

Der Präsident des Europäischen Patentamts:
Im Auftrag

For the President of the European Patent Office
Le Président de l'Office européen des brevets
p.o.

R C van Dijk



Anmeldung Nr:
Application no.: 03026786.8
Demande no:

Anmelde tag:
Date of filing: 21.11.03
Date de dépôt:

Anmelder/Applicant(s)/Demandeur(s):

T-Mobile Deutschland GmbH
Landgrabenweg 151
53227 Bonn
ALLEMAGNE

Bezeichnung der Erfindung/Title of the invention/Titre de l'invention:
(Falls die Bezeichnung der Erfindung nicht angegeben ist, siehe Beschreibung.
If no title is shown please refer to the description.
Si aucun titre n'est indiqué se referer à la description.)

Additional information for voice group call service

In Anspruch genommene Priorität(en) / Priority(ies) claimed /Priorité(s)
revendiquée(s)
Staat/Tag/Aktenzeichen/State/Date/File no./Pays/Date/Numéro de dépôt:

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H04Q7/22

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR LI

T-Mobile Deutschland

5 **Additional Information for Voice Group Call Service**

Brief description

The Additional Information for Voice Group Call Service (VGCS) is designed to provide all active members of a VGCS in 10 parallel to the voice group call (VGC) with additional information (e.g. tactical addresses of the current talker). The information contained here may have a text-oriented or binary-oriented character.

15 The transmission of the additional information shall be realised only in acknowledged mode and is sent on the Slow Associated Control Channel (SACCH), which represents an associated control channel for the traffic channel of the voice group call.

20 **1. Proposed Implementation**

The MSC triggers via an appropriate message (e.g. additional-information-request-message) on the A-interface the BSS to send the additional information. This message contains at least the additional information itself. The VGC-ID or VGC-25 Reference represents an optional part of this message. In the case where this message is sent on the controlling SCCP-connection of the VGC the addressing which VGC is meant is not necessary.

In addition to this the additional-information-request-30 message can be sent on the resource controlling SCCP-connections.

After that the BSS sends the information on the SACCH of all TCHs where the VGC is ongoing. The provisioning of the addi-

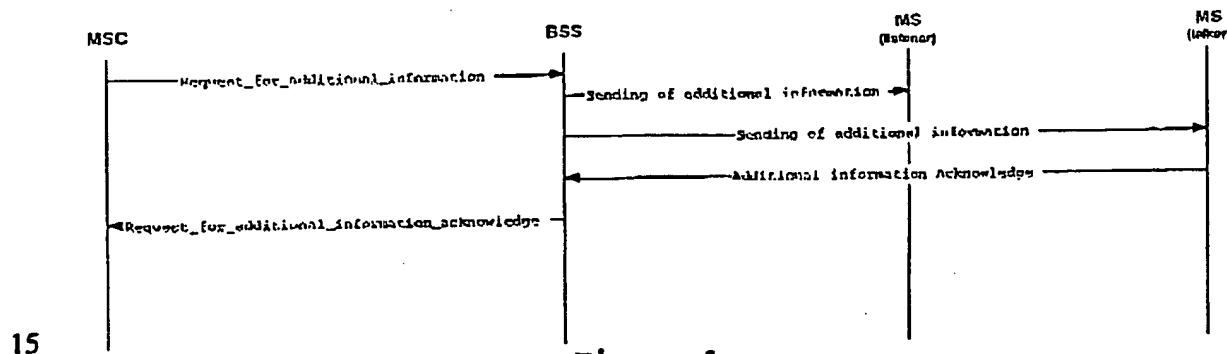
tional information in cells which are belonging the VGC-area but a VGC-channel is not established is not necessary.

In the case that the additional information is sent on the controlling SCCP-connection, the BSS is responsible to sent

5 the additional information on all SACCHs for this VGC. After having done the BSS provides an information to the MSC that the additional information was sent to the MSs. This information does not confirm that the members of a voice group call has received the message itself.

10 In order to give an indication that the additional information is at least received by the current talker, he may send the acknowledgement on the Uplink-SACCH for this VGC.

2. Signalling



15 Figure 1

3. Abbreviations

20	BSS	Base Station Subsystem
	MS	Mobile Station
	MSC	Mobile Switching Centre
	SACCH	Slow Associated Control Channel
	SCCP	Signalling Connection Control Part
25	TCH	Traffic Channel
	VGC	Voice Group Call
	VGCS	Voice Group Call Service

Patent claims

5

1. Method for providing the active members of a Voice Call Group Service with additional informations characterised by that the messages are transmitted on the associated control channel for the traffic channel of the voice group.

10

2. System for providing members of a Voice Call Group Service with additional informations characterised by signal processing units for speech transmitting purposes in combination with signals processing units for dedicated text-and/or 15 binary signal transmission.